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AARTNASSOCIATES/PMC/15FIN/2022-23 Date: 13-06-2022

To,
The Executive Engineer,
Yelahanka Division,
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Augmentation of water supply throught borewell, network of pipeline and ground water recharge facilities in various layout of Harohalli,Nagenahalli, Kenchenhalli,Ananthapura,Doddabettahalli and Chikkabettahalli village limits in Ward No 02,03 of Yelahanka Division(PACKAGE NO-16)

Item No	Description of work	Unit	Qty	Remarks
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by	Nos	27.00	Work done upto the Billed Quantity and the Quality is Satisfactory
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars	m	1350.00	Work done upto the Billed Quantity and the Quality is Satisfactory
3	50-100.00m	m	1350.00	Work done upto the Billed Quantity and the Quality is Satisfactory
4	100-150.00m	m	1500.00	Work done upto the Billed Quantity and the Quality is Satisfactory
5	150-200.0m	m	1500.00	Work done upto the Billed Quantity and the Quality is Satisfactory
6	200-250.00m	m	1500.00	Work done upto the Billed Quantity and the Quality is Satisfactory
7	250-300.00m	m	1500.00	Work done upto the Billed Quantity and the Quality is Satisfactory
8	300-350.00m	m	959.00	Work done upto the Billed Quantity and the Quality is Satisfactory
9	Re Drilling of Borewells	m	300.00	Work done upto the Billed Quantity and the Quality is Satisfactory
10	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 &	m	1648.00	Work done upto the Billed Quantity and the Quality is Satisfactory
11	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately)	Each	8385.00	Work done upto the Billed Quantity and the Quality is Satisfactory

AARTN ASSOCIATES BANGALORE DATE

Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

AE-02

AE-03

Sl No.	Description of work	Unit	Qty	Remarks
12	Providing 250mm dia PVC Pipe	Rmtr	156.00	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming	Mtr	17627.00	Work done upto the Billed Quantity and the Quality is Satisfactory
14	Texmo, Atalanta, Suguna, CRI KIRLOSKER AND other equipment pumps 15.00 HP/11KW(30 Stage)	Nos	28.00	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ...	Nos	29.00	Work done upto the Billed Quantity and the Quality is Satisfactory
16	Supplying and Fixing 20"x20"x2.5"polished wood board made up not less than 15mm thick plank with front plank one end providing for olding at other end fixing the same to the valve	Each	29.00	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp (2CX 10Sqm.mm wire armoured) confirming IS	m	847.00	Work done upto the Billed Quantity and the Quality is Satisfactory
18	Labour charges for laying of 1.1 K.V class UG cable, in existing trench GI Pipe / stoneware pipe /on wall/on poles as required In existing trencg/duct 6 Sqmm to 16 Sqmm)	Mtr	847.00	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Supplying and fixing of procelin fuse channel with e on existing wooden / panel using necessary nuts, bolts and washers , 63 Amps	Each	29.00	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Providing and fixing in position 50mm nominal bore non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads	Nos	29.00	Work done upto the Billed Quantity and the Quality is Satisfactory
21	Supplying and fixing maniature circuit breakers on existing MCB Distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, Energy cross -3 with short circuit	Each	29.00	Work done upto the Billed Quantity and the Quality is Satisfactory
22	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and	Cum	8661.18	Work done upto the Billed Quantity and the Quality is Satisfactory
23	Providing and filling sand in foundation to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications.	Cum	1217.61	Work done upto the Billed Quantity and the Quality is Satisfactory
24	Supplying PVC ring tight pipes conformin to IS 4980 :2000 With latest amendments and conveying to work site rolling and lowering into trenches laying true line level and prefect linking	m	13529.00	Work done upto the Billed Quantity and the Quality is Satisfactory
25	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m.	Cum	5558.64	Work done upto the Billed Quantity and the Quality is Satisfactory

AARTN ASSOCIATES DATE BANGALORE

AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

J.E.

W.O.

Item No	Description of work	Unit	Qty	Remarks
26	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a	Cum	1165.41	Work done upto the Billed Quantity and the Quality is Satisfactory
27	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with	Cum	1523.84	Work done upto the Billed Quantity and the Quality is Satisfactory
28	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine	Cum	443.00	Work done upto the Billed Quantity and the Quality is Satisfactory
29	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46	Cum	443.00	Work done upto the Billed Quantity and the Quality is Satisfactory
30	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure	Nos	26.00	Work done upto the Billed Quantity and the Quality is Satisfactory
32	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour	Cum	32.96	Work done upto the Billed Quantity and the Quality is Satisfactory
33	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour	Cum	32.96	Work done upto the Billed Quantity and the Quality is Satisfactory
34	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour	Cum	32.96	Work done upto the Billed Quantity and the Quality is Satisfactory
35	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour	Cum	32.96	Work done upto the Billed Quantity and the Quality is Satisfactory
36	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour	Cum	32.96	Work done upto the Billed Quantity and the Quality is Satisfactory
E1	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of materials, labour, HOM complete as	m	257.50	Work done upto the Billed Quantity and the Quality is Satisfactory
E2	Texmo, Atalanta, Suguna, CRI KIRLOSKER AND other equipment pumps 15.00 HP/11KW(30 Stage)	Unit	1.00	Work done upto the Billed Quantity and the Quality is Satisfactory
E3	KSRB13-9 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes	m	271.00	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

With Regards,

For AARTN Associates

Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore